

## Target Specific Hybrid Capture

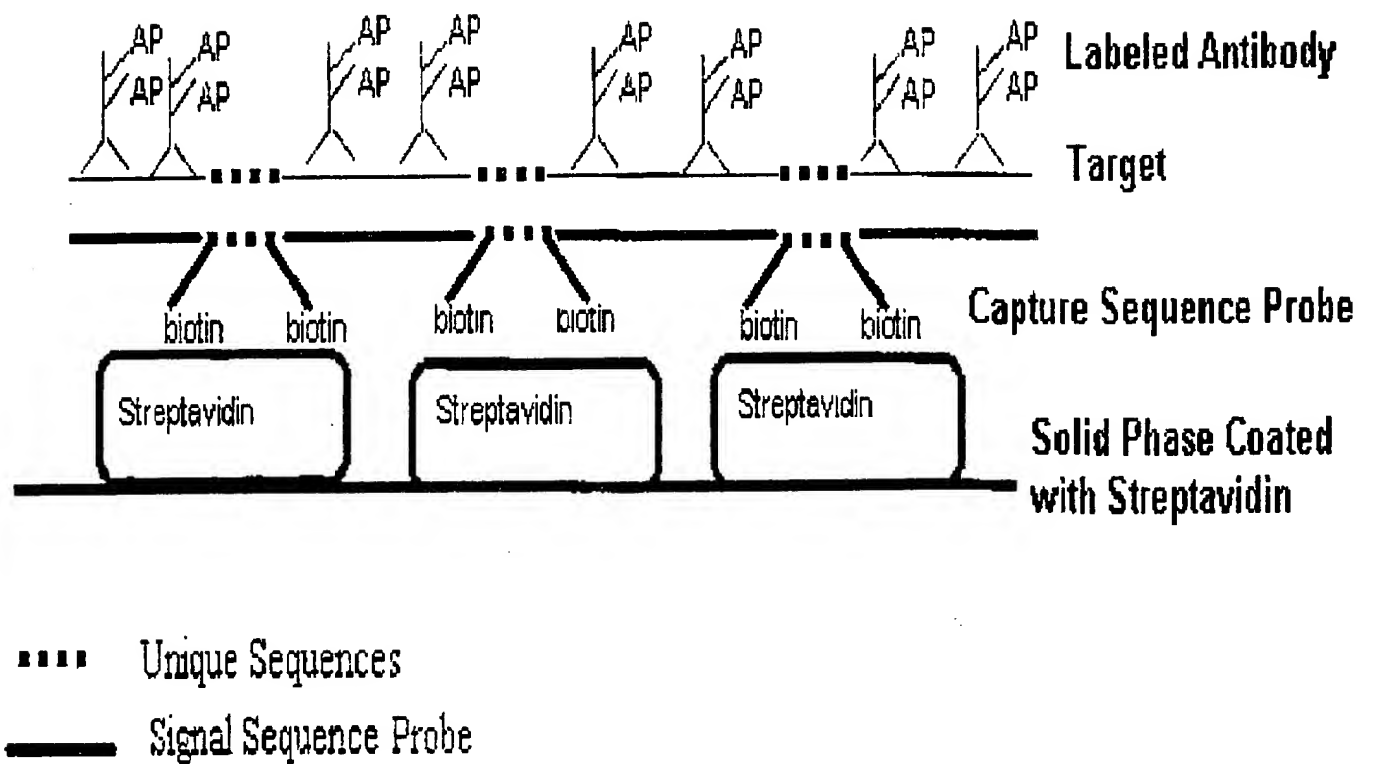


FIG. 1

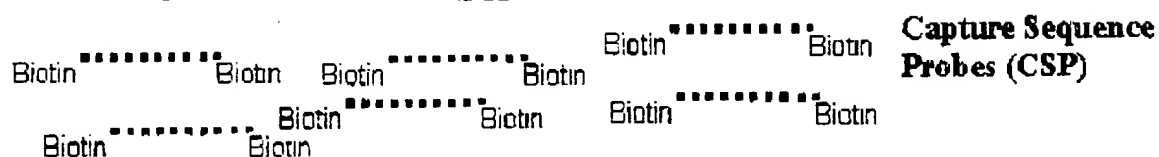
# Target Specific Hybrid Capture Utilizing Blocker Probe

(Simultaneous Hybridization Version)

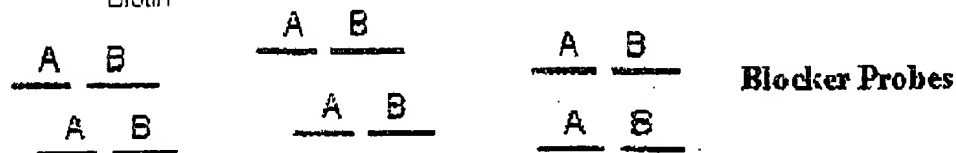
Hybridize Target  
with CSP and  
SSP



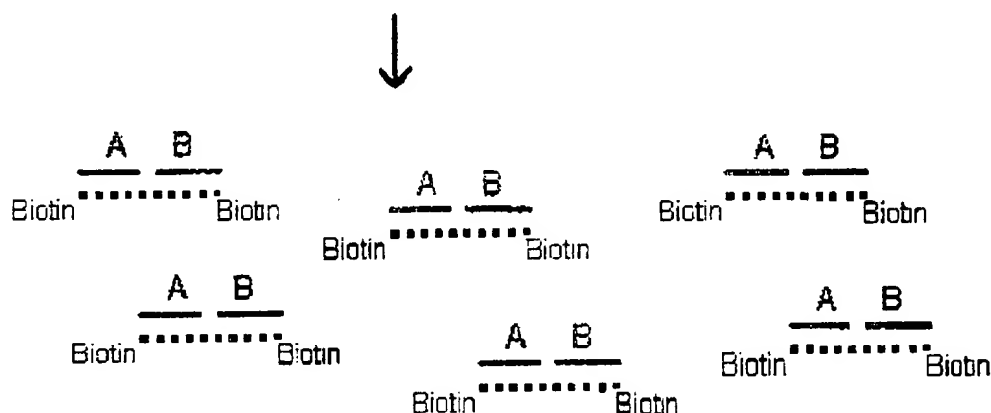
Excess CSP



Excess Blocker Probe



Cool Hyb in  
preparation for  
plate capture. At  
the reduced hyb.  
temperature the  
blocker probes  
hybridize to the  
free CSP,  
preventing them  
from hybridizing  
to cross-reactive  
targets in the  
sample.



Desired target  
molecule is not  
effected by the  
presence of the  
blocker probes

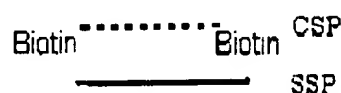
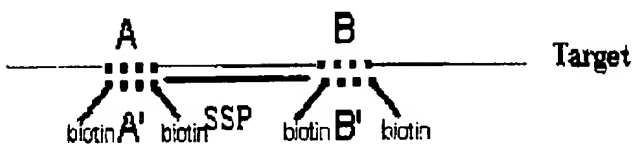


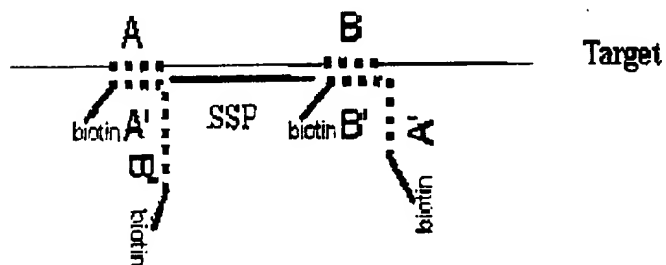
FIG. 2

## TSHC with "Fused" Capture Sequence Probes (CSP)

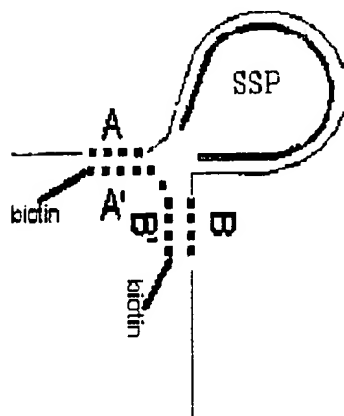
**Capture with two  
separate CSPs**



**Capture with two  
separate fusion  
CSPs**



**Capture with a  
single fusion CSP**



..... Unique Sequences

————— Signal Sequence Probe

**FIG. 3**

# Analytical Sensitivity and Cross-reactivity of HSV-1 TSHC

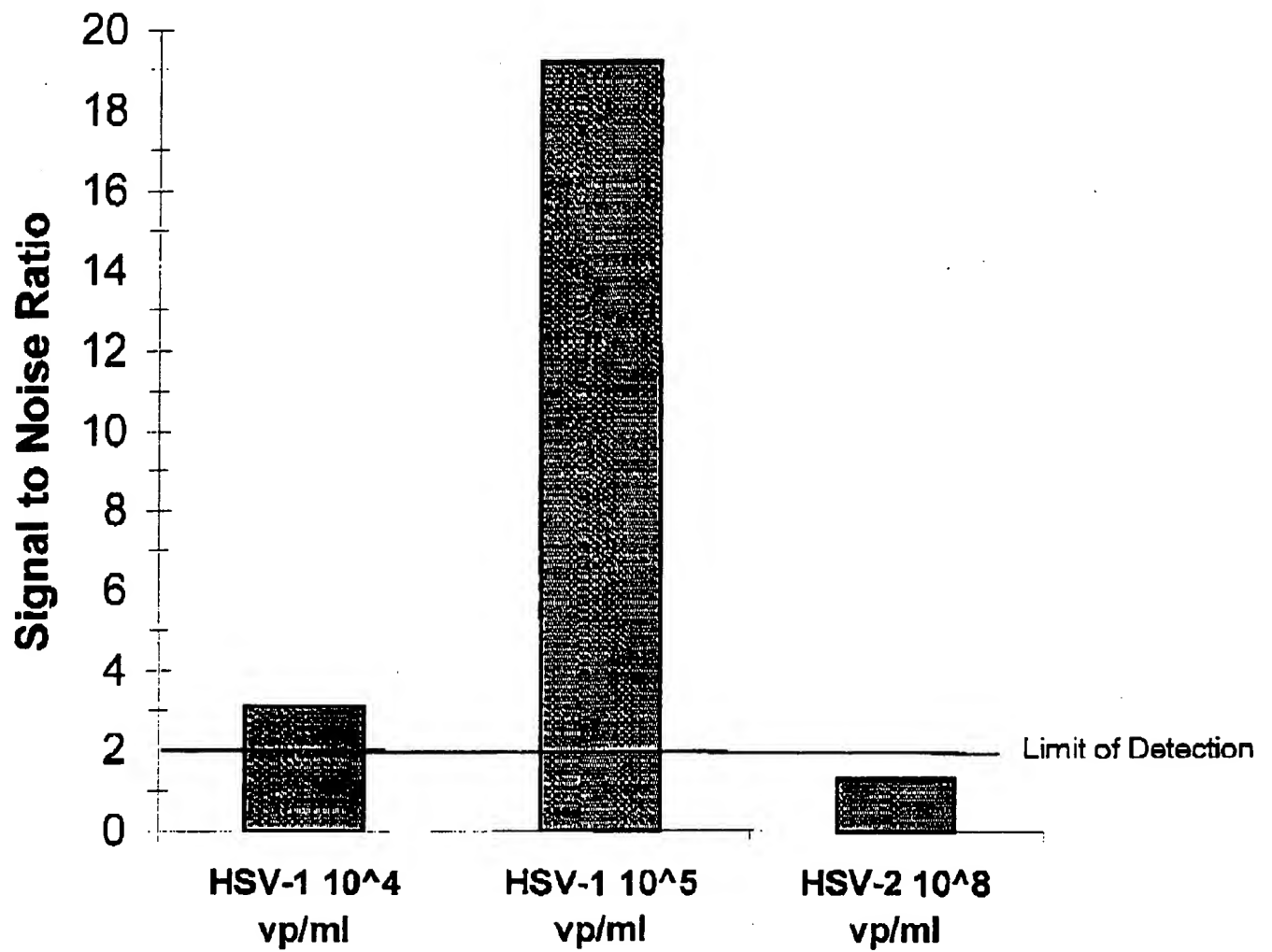


FIG. 4

## Analytical Sensitivity and Cross-reactivity of HSV-2 TSHC

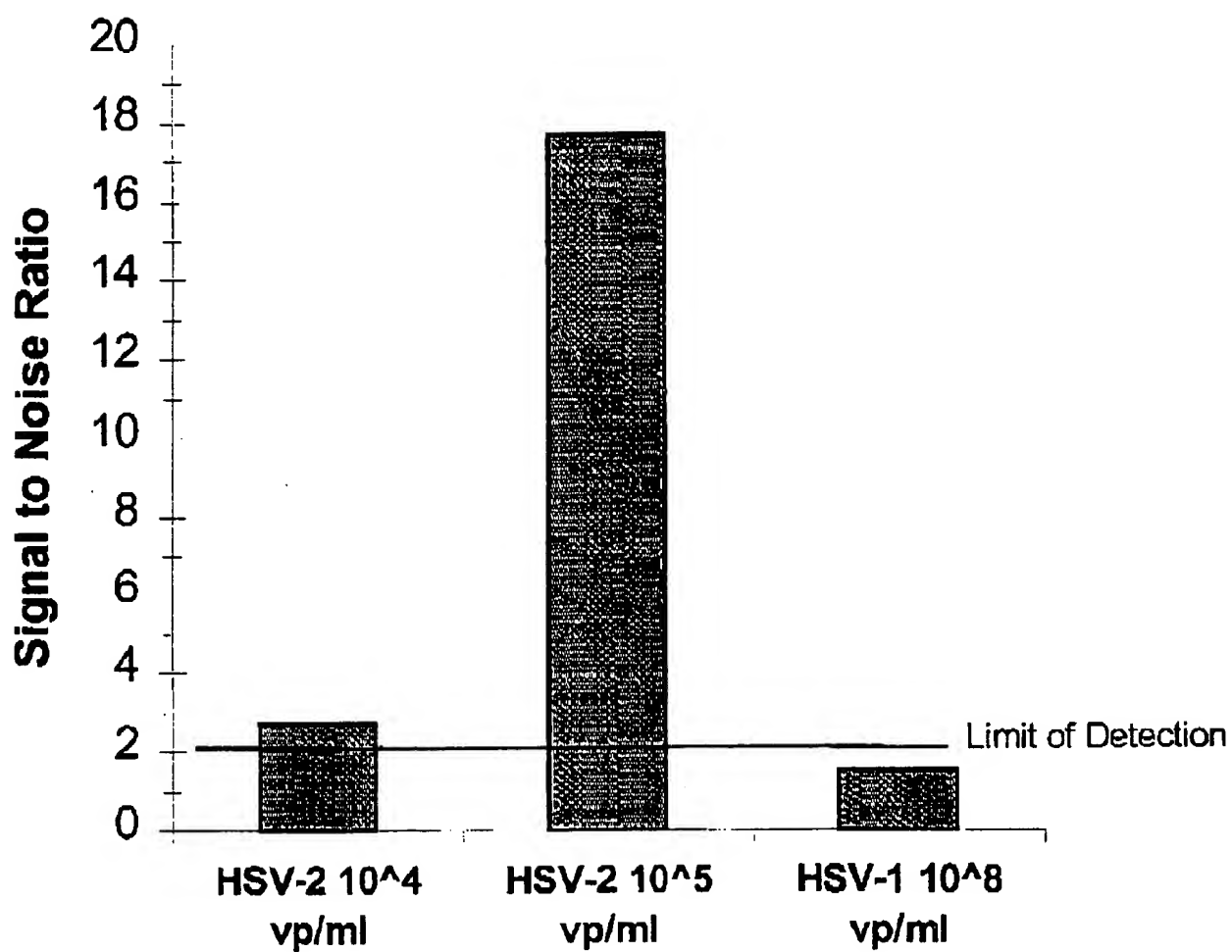


FIG. 5

# TSHC-Plus Version 1

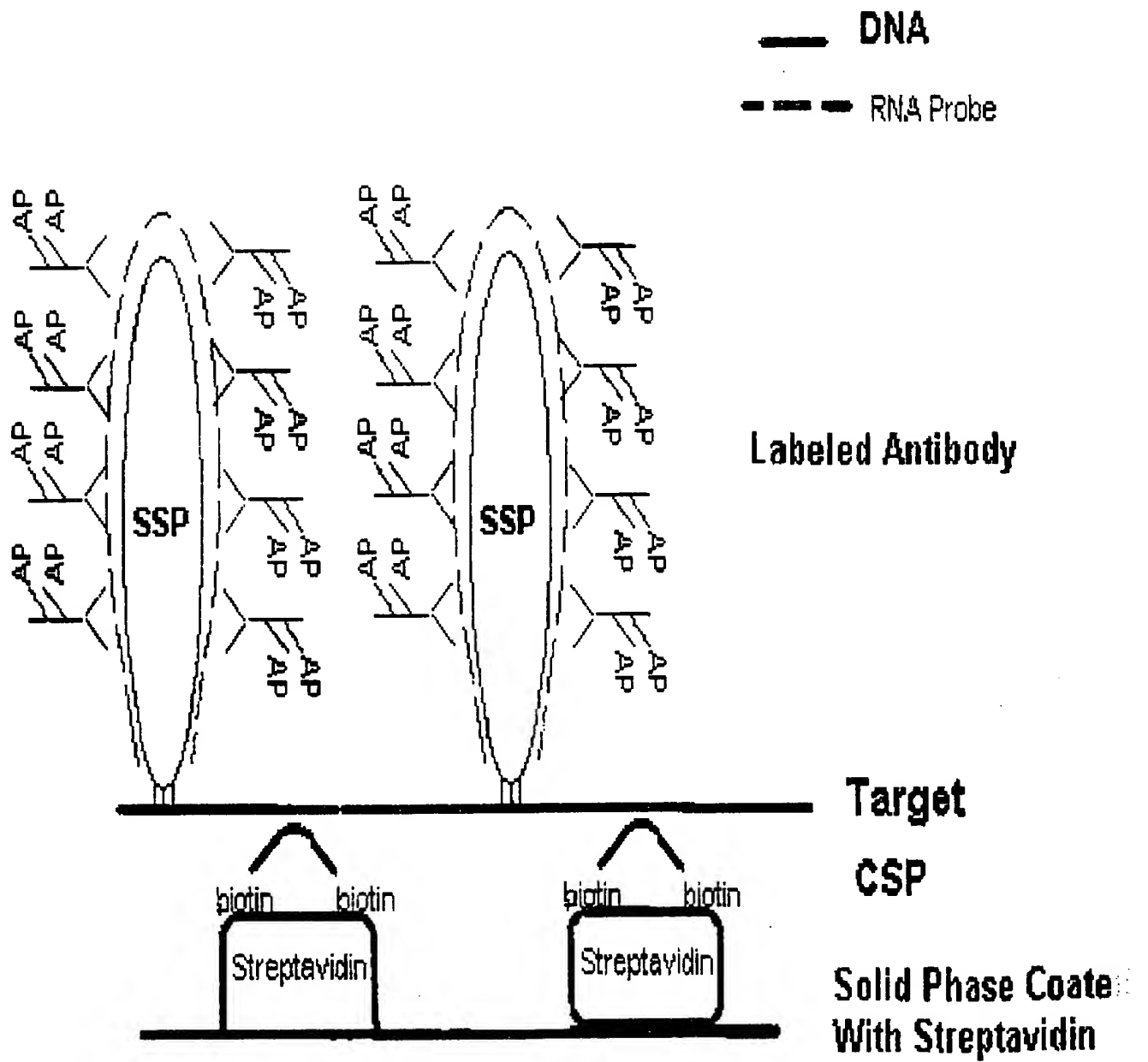


FIG. 6A

# TSHC-Plus Version 2

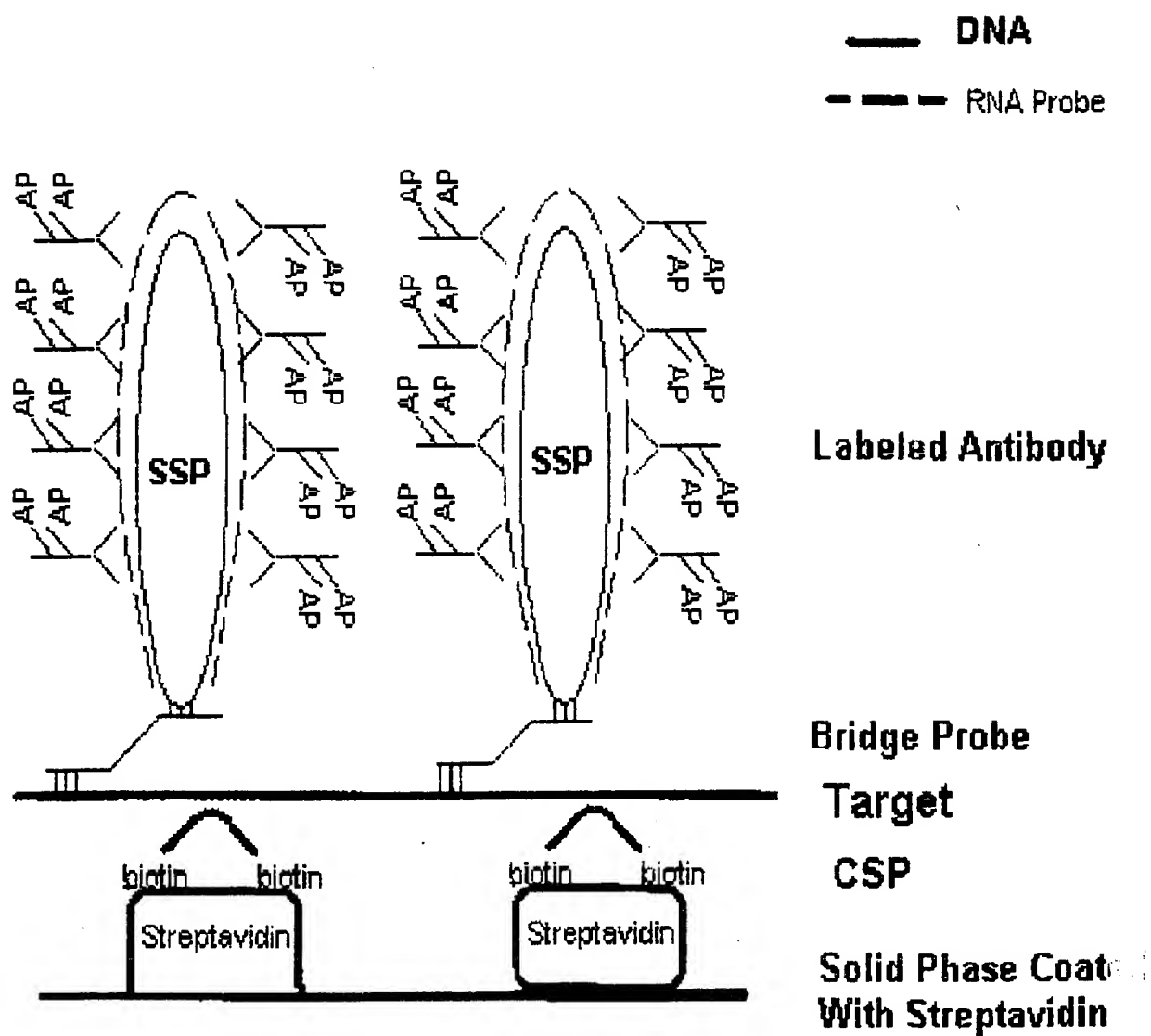


FIG. 6B

# TSHC-Plus Version 3

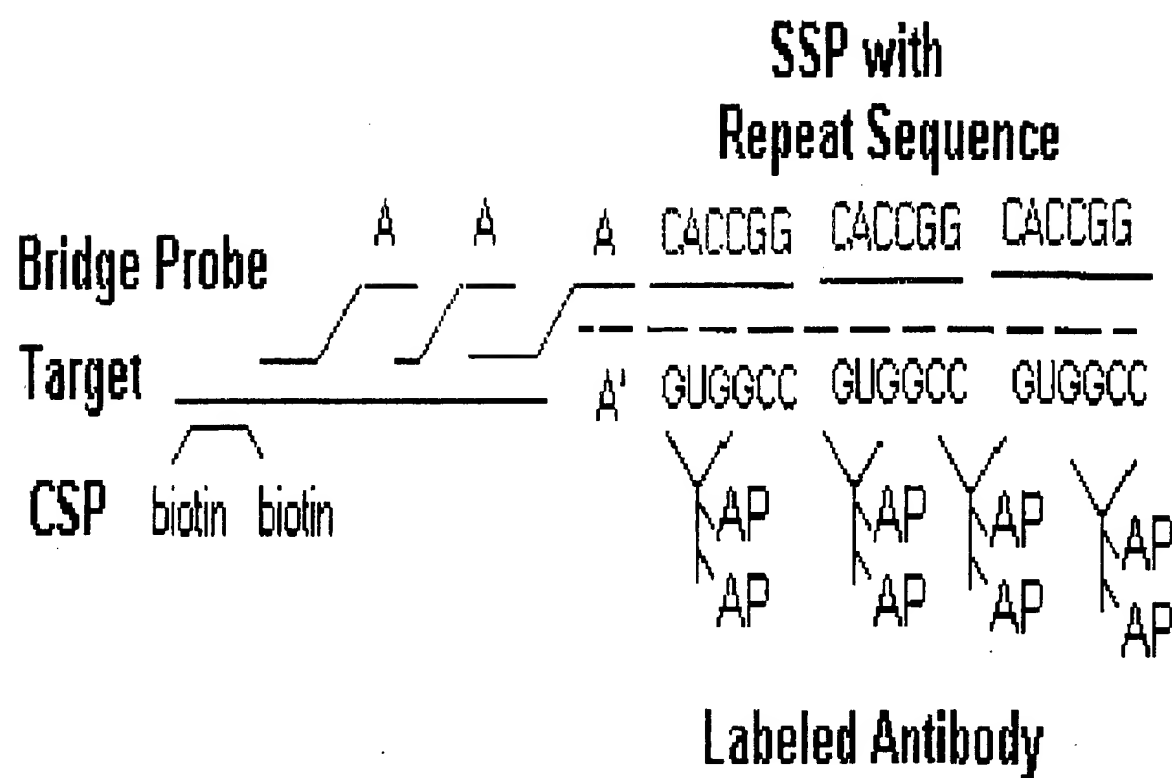


FIG. 6C



# TSHC-Plus Version 4

— · — Poly(dT)  
 ..... Poly(A)

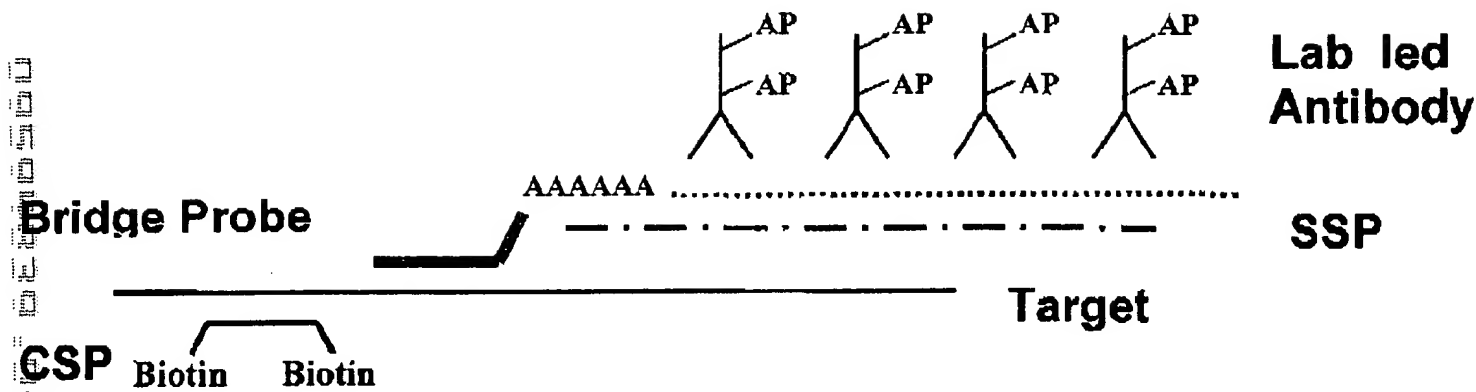


FIG. 6D